

What is claimed is:

1. A compiler system for compiling a first program into a second program, comprising:
 - 5 a converter converting a part of the first program into a procedure call and generating the second program;
 - a generator generating a code describing a definition of a procedure to be called by the procedure call; and
 - 10 an outputting unit outputting the second program and the code generated by said generator.
2. The compiler system according to claim 1, further comprising a detector which detects a predetermined
15 particular pattern from the first program, wherein
said converter converts the pattern detected by said detector into a procedure call corresponding to the pattern.
- 20 3. The compiler system according to claim 2, wherein
said detector detects a call for calling a built-in procedure from the first program.
4. The compiler system according to claim 2, wherein
25 when said detection detects a plurality of

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identical patterns from the first program, said converter converts the plurality of patterns into a same procedure call.

- 5 5. A compiler system for receiving a first file containing one or more programs, compiling the one or more programs, and outputting a second file containing the one or more compiled programs, comprising:

10 a detector detecting a predetermined particular pattern from one or more programs contained in the first file;

15 a converter compiling the one or more programs contained in the first file by converting the pattern detected by said detector into a procedure call corresponding to the pattern;

a generator generating a code describing a definition of a procedure to be called by the procedure call; and

20 an outputting unit outputting one or more programs compiled by said converter and a code generated by said generator, wherein

when said detector detects a plurality of identical patterns from the first file, said converter converts the plurality of patterns into a same procedure call.

6. The compiler system according to claim 5, wherein
said outputting unit outputs the code generated
by said generator to the second file.

5 7. A compiler system for receiving a plurality of files
each containing one or more programs, and compiling the
programs contained in the received files, comprising:

a detector detecting a predetermined particular
pattern from the programs contained in the received
10 files;

a converter compiling the programs contained in
the received files by converting the pattern detected
by said detector into a procedure call corresponding
to the pattern;

15 a generator generating a code describing a
definition of a procedure to be called by the procedure
call; and

an outputting unit outputting a program compiled
by said converter and a code generated by said generator,
20 wherein

when said detector detects a plurality of identical
patterns from the plurality of received files, said
converter converts the plurality of patterns into a same
procedure call.

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8. A compiler system for compiling a first program into a second program, comprising:

converting means for converting a part of the first program into a procedure call and generating the second

5 program;

generating means for generating a code describing a definition of a procedure to be called by the procedure call; and

10 outputting means for outputting the second program and the code generated by said generating means.

9. A method for compiling a first program into a second program, comprising:

15 converting a part of the first program into a procedure call and generating the second program;

generating a code describing a definition of a procedure to be called by the procedure call; and

outputting the second program and the generated code.

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10. A computer-readable storage medium for storing a program used to direct a computer to compile a first program into a second program, said program comprising:

25 a program code for converting a part of the first program into a procedure call and generating the second

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program;

a program code for generating a code describing
a definition of a procedure to be called by the procedure
call; and

- 5 a program code for outputting the second program
and the generated code.

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